

New A.I.Ch.E. Award

Individual achievement in applied or fundamental research or in process development will be recognized by the Alpha Chi Sigma Award in Chemical Engineering Research, an award recently established by the American Institute of Chemical Engineers.

The award will focus attention on the individual who has not only original ideas but the initiative and drive to convert these ideas into accomplishment. Chemical engineering research is admittedly the effort of many people, but in every project, the A.I.Ch.E. believes, there is one person whose insight, original approach, and determination are chiefly responsible for the results of the research. This is the person the Institute seeks to honor.

Generously sponsored by the professional fraternity Alpha Chi Sigma, the award, consisting of \$1,000 and a certificate, will be given for individual research carried out during the past ten years. The recipient, who need not be a member of the A.I.Ch.E., will be invited to discuss his research at a meeting of the Institute.

Other A.I.Ch.E. awards

The new award joins the five awards now made annually by the A.I.Ch.E.: the Walker and Colburn awards for excellence in publications, the Professional Progress Award for outstanding accomplishment by a person under forty-five, the Lewis award for excellence in contributions to chemical engineering education, and the Founders Award.

Among those honored by these awards have been Warren K. Lewis, Allan P. Colburn, Warren McCabe, J. V. N. Dorr, Thomas Sherwood, Mott Souders, William G. Pfann, George E. Holbrook, to name a few.

Nominating procedure

Each nomination must cite the specific accomplishments, with dates, of the candidate and be accompanied by supporting information, such as patents, company reports, publications, letters of testimony, etc. The Awards Committee of A.I.Ch.E. will consider all nominations and make its recommendation to the Council. Nominating forms for and information on all A.I.Ch.E. awards may be obtained from the Secretary.

(Continued from page 1041)

Upper and Lower Bounds for Solutions to the Transport Equation <i>Bruce A. Finlayson and L. ...</i>	1.
Chemical Transport in Nonconvective Systems <i>R. F. Lever and F. P. Jona</i>	1158
Physical and Chemical Absorption in Two-Phase Annular and Dispersed Horizontal Flow <i>Charles E. Wales</i>	1166
Thermal Conductivity of Binary Mixtures of Carbon Dioxide, Nitrogen, and Ethane at High Pressures: Comparison with Correlation and Theory <i>Thomas F. Gilmore and E. W. Comings</i>	1172
Theoretical Analysis of the Falling Cylinder Viscometer for Power Law and Bingham Plastic Fluids <i>F. J. Eichstadt and G. W. Swift</i>	1179
On the Ordering of Recycle Calculations <i>Wooyoung Lee and Dale F. Rudd</i>	1184
Heat Transfer and Frost Formation Inside a Liquid Nitrogen-Cooled Tube <i>R. C. Reid, P. L. T. Brian, and M. E. Weber</i>	1190
Laminar Flow Heat Transfer <i>E. B. Christiansen, Gordon E. Jensen, and Fan-Sheng Tao</i>	1196
The Effect of Recycle on a Linear Reactor <i>W. R. Schmeal and Neal R. Amundson</i>	1202
Vapor-Liquid Equilibria of Light Hydrocarbons at Low Temperatures and High Pressures: The Methane- <i>n</i> -Heptane System <i>Harry L. Chang, Lewis J. Hurt, and Riki Kobayashi</i>	1212

COMMUNICATIONS TO THE EDITOR

Computational Procedures for Recent Analyses of Counterflow Heat Exchangers <i>Ralph P. Stein</i>	1217
Direct Visual Observation of Nonfoaming Adsorptive Bubble Fractionation <i>Dean O. Harper and Robert Lemlich</i>	1220
An Example of Unsteady Laminar Mixing in Power Law Fluids <i>C. W. Van Atta</i>	1221
On the Stability of a Continuous Flow Stirred-Tank Reactor <i>David S. Sabo and Joshua S. Dranoff</i>	1223
Effective Dispersion in a Tubular Flow Reactor with Return Bends <i>Albert Gomezplata and Chan M. Park</i>	1225
Note on the Use of Z_c as a Third Parameter with the Corresponding States Principle <i>T. W. Leland, Jr.</i>	1227
Information Retrieval	1230
Academic Openings	1232
Index to Volume 12	1238